CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-05/341/Cube/2017-18

23.06.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** Project Sub Division, Dasarahalli Zone, BBMP, Bangalore.
* Agency	:	**Technical Manager,** KRIDL, Bangalore.
* Name of the work	:	Construction of RCC drain and CC roads at 3rd main and adjacent cross roads in Ravindra Nagara Ward No.13, BBMP, Bangalore.
* Reference	:	AEE/PSD/PR/01/2017-18 Dated: 20.05.2017
* Sample ID	:	RCC Drain Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	23.06.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.05.2017	23.06.2017	8.115	510.2	22.68
2	26.05.2017	23.06.2017	8.257	528.9	23.51
3	26.05.2017	23.06.2017	8.380	537.8	23.90

*Information is furnished by the Customer/Representative.

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VIDYARANI P.K.
Technical Manager

AE-PI
Pl. Verify & put up

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone
Bangalore

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagar, Bangalore-79.
Tele Fax : 23223227, Website : www.civiltechconsultants.com
E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

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* Reference	:	AEE/PSD/PR/01/2017-18 Dated: 20.05.2017
* Sample ID	:	Road Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{30}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	27.06.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	30.05.2017	27.06.2017	8.125	710.5	31.58
2	30.05.2017	27.06.2017	8.290	728.6	32.38
3	30.05.2017	27.06.2017	8.350	738.2	32.81

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VIDYARANI P.K.
Technical Manager

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagar, Bangalore-79.
Tele Fax : 23223227, Website : www.civiltechconsultants.com
E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

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Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{30}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	27.06.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	30.05.2017	27.06.2017	8.192	715.2	31.79
2	30.05.2017	27.06.2017	8.265	725.8	32.26
3	30.05.2017	27.06.2017	8.327	742.6	33.00

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Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

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Tele Fax : 23223227, Website : www.civiltechconsultants.com
E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

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Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{30}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	28.06.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.05.2017	28.06.2017	8.162	705.5	31.36
2	31.05.2017	28.06.2017	8.225	710.6	31.58
3	31.05.2017	28.06.2017	8.305	730.4	32.46

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Asst. Executive E.
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

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Tele Fax : 23223227, Website : www.civiltechconsultants.com
E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

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* Sample ID	:	Road Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{30}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	28.06.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.05.2017	28.06.2017	8.269	705.2	31.34
2	31.05.2017	28.06.2017	8.398	714.8	31.77
3	31.05.2017	28.06.2017	8.415	720.3	32.01

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VIDYARANI P.K.
Technical Manager

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bengaluru Mahanagara Palike

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagar, Bangalore-79.
Tele Fax : 23223227, Website : www.civiltechconsultants.com
E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

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03.06.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

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* Agency	:	**Technical Manager,** KRIDL, Bangalore.
* Name of the work	:	Construction of RCC drain and CC roads at 3rd main and adjacent cross roads in Ravindra Nagara Ward No.13, BBMP, Bangalore.
* Reference	:	AEE/PSD/PR/01/2017-18 Dated: 20.05.2017
* Sample ID	:	Dry Lean Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	Dry Lean Concrete
Compressive Strength as on	:	7^{th} day
Sample Received on	:	03.06.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.05.2017	03.06.2017	8.192	253.4	11.26
2	27.05.2017	03.06.2017	8.257	260.1	11.56
3	27.05.2017	03.06.2017	8.325	272.3	12.10

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VIDYARANI P.K.
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Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone
Bruhat Bangalore Mahanagara Palike

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagar, Bangalore-79.

Tele Fax : 23223227, Website : www.civiltechconsultants.com

E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

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* Reference	:	AEE/PSD/PR/01/2017-18 Dated: 20.05.2017
* Sample ID	:	Dry Lean Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	Dry Lean Concrete
Compressive Strength as on	:	7^{th} day
Sample Received on	:	05.06.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	29.05.2017	05.06.2017	8.192	259.7	11.54
2	29.05.2017	05.06.2017	8.238	263.4	11.71
3	29.05.2017	05.06.2017	8.380	275.3	12.24

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Technical Manager

AE-(1)

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bangalore Mahanagara Palike

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